

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/023921 A1

(51) International Patent Classification⁷: A44C 25/00, 27/00

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number:
PCT/KR2003/001894

(22) International Filing Date:
16 September 2003 (16.09.2003)

(25) Filing Language: Korean

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: English

(30) Priority Data:
20-2002-0027802

16 September 2002 (16.09.2002) KR
20-2003-0016199 24 May 2003 (24.05.2003) KR

(71) Applicant and

(72) Inventor: KIM, Kyeong Ho [KR/KR]; 14-43 Sibum Apt., 50 Yeouido-dong,, Yeongdeungpo-gu,, Seoul 150-894 (KR).

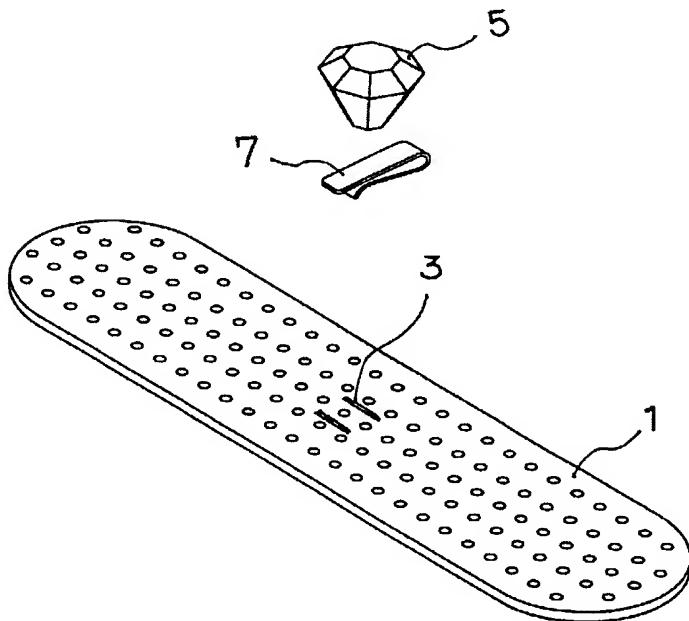
(74) Agent: CHO, Sang Kyun; #402 Daimyung Building, 746-22 Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DECORATION BAND



(57) Abstract: The present invention relates to a band for ornament. More particularly, the present invention relates to a band for ornament that can be attached to the face and has an adhesive wherein medicines and spices are mixed at the back of the band, thereby giving ornamental effects and preventing generation of wrinkles in the face. An attachment means is formed at the center of the band. A fixing means is formed at the bottom of personal ornaments. Thereby the fixing means is fixed to the attachment means to fix the personal ornaments.

DECORATION BAND

Technical Field

The present invention relates to a band for ornament. More particularly, the present invention relates to a band for ornament that can be attached to the face and has an adhesive wherein medicines and spices are mixed at the back of the band, thereby giving ornamental effects and preventing generation of wrinkles in the face.

10 Background Art

Attachment of personal ornaments to a human body has been a long time. In particular, in attaching the personal ornaments to the body, to attach the personal ornaments to the head or to wear earmuffs has been common in the past. As a scheme called a piercing method has recently been used, however, a method of making holes or hanging personal ornaments, at various locations such as a nose, a cheek, the lips, etc. has been used.

Such as a piercing method, however, requires a surgical operation since the holes must be made in the skin and a specialist. Once the hole is made, the hole permanently remains as a scar. This gives an aversion to persons.

In order to solve this problem, a band 10 for ornament as shown in FIG. 1 was developed. Referring to FIG. 1, a plurality of small

holes 13 are formed on the surface of the band 10. At this time, the band 10 is a transparent and has a straight-line shape. An adhesive is covered on one side of the band and a release paper 17 for protecting the adhesive layer 16 is then adhered. Personal ornaments 5 are formed at an outer side of the band. In the above, the personal ornaments 15 are coupled to a screw unit 11 by means of a screw 20. The screw unit 11 is protruded from a finger-pressure unit 12 within the band.

In the conventional band, however, in order to attach the 10 personal ornaments to the band, a screw groove must be formed in the personal ornaments and the personal ornaments must be coupled to the screw groove by means of a bolt. For this reason, there is a difficulty since a small-sized bolt must be assembled in order to attach the personal ornaments. Furthermore, there is a problem that 15 the personal ornaments are detached if the personal ornaments are touched from the outside.

Disclosure of Invention

Accordingly, the present invention has been made in view of the 20 above problems, and it is an object of the present invention to facilitate easy attachment of personal ornaments using a band and to prevent the personal ornaments from detaching from the band for

ornament.

To achieve the above objects, according to the present invention, there is provided a band for ornament, including an attachment means formed at the center of the band, and a fixing means formed at the bottom of personal ornaments, whereby the fixing means is fixed to the attachment means to fix the personal ornaments.

In the above, a hole as the attachment means is formed at the center of the band, and a fixture as the fixing means is formed at the bottom of the personal ornaments and penetrates the hole of the band, whereby the one side of the fixture is fixed to the band. Or, one or more slots as the attachment means are formed in a longitudinal direction at the center of the band, the fixing means fix U-shaped clips at the bottom of the personal ornaments, and one side of the clips are inserted into the slots, whereby the personal ornaments are fixed to the band.

Brief Description of Drawings

Further objects and advantages of the invention can be more fully understood from the following detailed description taken in conjunction with the accompanying drawings in which:

FIG. 1 is a cross-sectional view illustrating a conventional band for ornament;

FIG. 2 is a separated perspective view illustrating a band for ornament according to one embodiment of the present invention;

FIG. 3 is a cross-sectional view illustrating the band for ornament to which personal ornaments are coupled according to the
5 present invention;

FIG. 4 shows how the band for ornament of the present invention is used;

FIG. 5 shows a fixing means of the band for ornament according to another embodiment of the present invention;

10 FIG. 6 is a separated perspective view illustrating a band for ornament according to another embodiment of the present invention; and

FIG. 7 is a cross-sectional view illustrating a band for ornament according to another embodiment of the present invention.

15 Best Mode for Carrying Out the Invention

The present invention will now be described in detail in connection with preferred embodiments with reference to the accompanying drawings.

According to the present invention, an attachment means is
20 formed at the center of a band having a back on which an adhesive is covered. A fixing means is formed at the bottom of the personal ornaments. The fixing means fixes the attachment means to fix the

personal ornaments.

One embodiments of the attachment means and the fixing means will now be described.

FIG. 2 is a separated perspective view illustrating a band for 5 ornament according to one embodiment of the present invention, and FIG. 3 is a cross-sectional view illustrating the band for ornament to which personal ornaments are coupled according to the present invention.

Referring to FIG. 2 and FIG. 3, one or more slots 51 are formed 10 in a longitudinal direction at the center of a band 50. A U-shaped clip 53 is fixed at the bottom of personal ornaments 52. In this state, one side of the U-shaped clip 53 is inserted into the slots 51, thereby fixing the personal ornaments 52 to the band 50.

According to the present invention, in a state where the 15 personal ornaments 52 are attached to the center of the band 50, the band 50 is attached to the brow using an adhesive covered on the other side of the band. It is possible to prevent the wrinkles from generating and to give ornamental effects. This will be described below in detail. If one side of the clip 53 is inserted into the 20 shots 51 formed at the center of the band 50, the one side of the clip 53 is attached to the adhesive 54 covered on the other side of the band 50, thus fixing the clip so that it does not move.

At this time, if a curved portion of the front end of the clip is exposed toward the outside after passing through the slots 51 below the band, the front end of the clip is prevented to directly contact the skin of the forehead through the band while going out toward the 5 outside of the band.

Thereafter, if a release paper 56 at the back of the band is completely peeled off and the other side of the band 50 is attached to the brow as shown in FIG. 4, the adhesive 54 at the other side of the band contacts the skin. Accordingly, the band is attached to the skin 10 and the personal ornaments 52 attached to the center of the band thus ornaments the face.

In the above, the band 50 is made from a transparent synthetic resin. It is thus rarely seen. Ornaments attached to the center of the band may include a jewelry, an imitation jewelry, etc. The 15 plurality of the small holes 55 formed on the surface of the band serve to pass through air into the skin with the band attached to the skin.

As such, in a state where the band 50 is attached to the brow, the skin is kept unfolded by the band 50 in the portion where the band 20 is attached although the face is twisted up into a scowl. It is thus possible to prevent the wrinkles from generating in the skin in advance. Furthermore, a agent for preventing skin aging, a skin

protective agent, a medical use cream, and the like, which are added to the adhesive 54 can protect the skin.

Although the clip of a flat plane at the rear of the personal ornaments attached to the band for ornament has been described in the above embodiment, a cut portion 58 may be formed at the center of the clip, as shown in FIG. 5. In this case, the same effect as the above embodiment can be obtained. The cut portion 58 at the center of the clip makes soft and smooth the operation of the clip. This fact is well known in the art. Thus detained description on in will not be given.

Another embodiment of the attachment means and the fixing means will now be described.

FIG. 6 is a separated perspective view illustrating a band for ornament according to another embodiment of the present invention, and FIG. 7 is a cross-sectional view illustrating a band for ornament according to another embodiment of the present invention.

Referring to FIG. 6 and FIG. 7, holes 61 are formed at the center of the band 60. A fixture 63 is formed at the bottom of personal ornaments 52. The diameter of the fixture 63 is a little greater than that of a hole 61. The fixture 63 penetrates the hole 61 of the band, so that the one side of the fixture 63 is fixed to the band 60. At this time, a plurality of small holes 62 are formed on

the surface of the band 60. In order to prevent the wrinkles from being generated in the face, medicines and spices are mixed in the adhesive covered at the back of the band.

According to the present invention, in a state where the personal ornaments 52 are attached to the center of the band 60, the band 60 is attached to the brow using an adhesive covered on the other side of the band. It is possible to prevent the wrinkles from generating and to give ornamental effects. This will be described below in detail. The fixture 63 to which the personal ornaments 52 are attached is inserted/fixed into the hole 61 formed at the center of the band 60. A material forming the band 60 has some flexibility since it is made from soft synthetic resin, a fibrous material such as cotton, etc. The fixture 63 is made of a hard material. Therefore, if the fixture 63 is pushed into the hole 61 from the outside of the band with the center of the band 60 folded a little, the fixture 63 penetrates the hole 61 and is then inserted into the band in a state where the hole of the band 60 is extended. If the folded band 60 is extended later, one side 66 of the fixture 63 is adhered to an adhesive 65 layer within the band.

Thereafter, if a release paper 64 at the back of the band is completely peeled off and the other side 67 of the band 60 is attached to the brow as shown in FIG. 4, the adhesive 65 at the other side of

the band contacts the skin and the band is thus attached to the skin. Further, the personal ornaments 52 attached to the center of the band gives an effect to decorate the face.

In the above, the band 60 is made from a transparent synthetic resin. It is thus rarely seen. Ornaments attached to the center of the band may include a jewelry, an imitation jewelry, etc. The plurality of the small holes 62 formed on the surface of the band serve to pass through air into the skin with the band attached to the skin.

As such, in a state where the band 60 is attached to the brow, the skin is kept unfolded by the band 60 in the portion where the band is attached although the face is twisted up into a scowl. It is thus possible to prevent the wrinkles from generating in the skin in advance. Furthermore, a agent for preventing skin aging, a skin protective agent, a medical use cream, and the like, which are added to the adhesive 65 can protect the skin.

Furthermore, although medicines are covered on the other side 67 in which the fixture of a flat plane at the back of the personal ornaments attached to the band for ornament contacts the adhesive layer, the same effect as the above embodiment can be obtained. This fact is well known in the art. Thus detained description on in will not be given.

Industrial Applicability

As described above, according to the present invention, a user can easily attach personal ornaments at a desired location of his or her face. The band can be simply used without a surgical operation. It is also possible to prevent the wrinkles from generating around a portion where the band is used in advance.

Furthermore, according to the present invention, medical use components are added to an adhesive of the band, thereby preventing fatigue of the muscles and clearing keeping spirit. Therefore, there is an advantage that health can be promoted. Also the personal ornaments can be conveniently attached by a fixture and the band can be frequently changed depending on the effect of a medicine. Accordingly, the present invention improves convenience of use.

While the present invention has been described with reference to the particular illustrative embodiments, it is not to be restricted by the embodiments but only by the appended claims. It is to be appreciated that those skilled in the art can change or modify the embodiments without departing from the scope and spirit of the present invention.

What Is Claimed Is:

1. A band for ornament, comprising:

an attachment means formed at the center of the band, and

a fixing means formed at the bottom of personal ornaments,

5 whereby the fixing means is fixed to the attachment means to fix the personal ornaments.

2. The band for ornament as claimed in claim 1, wherein a hole

61 as the attachment means is formed at the center of the band 60, and

10 a fixture 63 as the fixing means is formed at the bottom of the personal ornaments 52 and penetrates the hole 61 of the band 60,

whereby the one side of the fixture 63 is fixed to the band 60.

3. The band for ornament as claimed in claim 2, wherein the

15 diameter of the fixture 63 is greater a little than that of the hole

61.

4. The band for ornament as claimed in claim 1, wherein one or

more slots 51 as the attachment means are formed in a longitudinal

20 direction at the center of the band 50, the fixing means fix U-shaped clips 53 and 57 at the bottom of the personal ornaments 52, and one side of the clips 53 and 57 are inserted into the slots 51, whereby

the personal ornaments 52 are fixed to the band 50.

5. The band for ornament as claimed in any of claims 1 to 4,
wherein medicines and spices are mixed in the adhesive covered at the
5 back of the band.

1/4

FIG 1

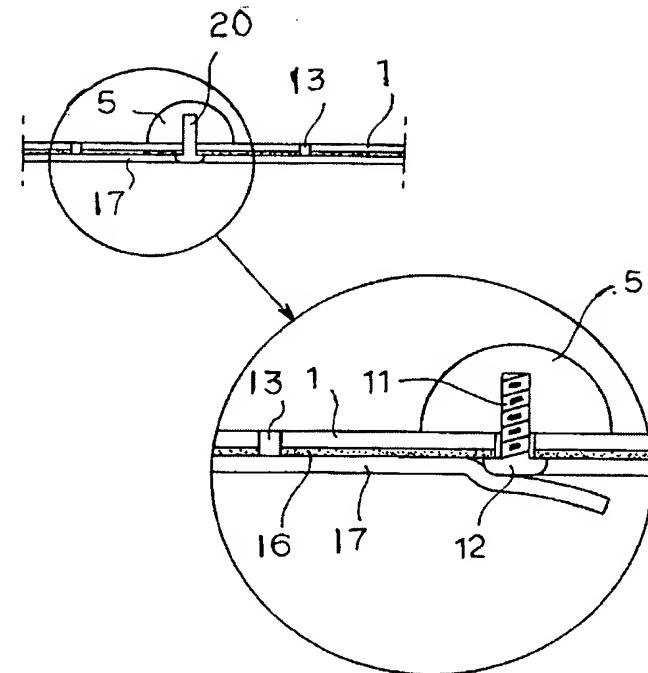
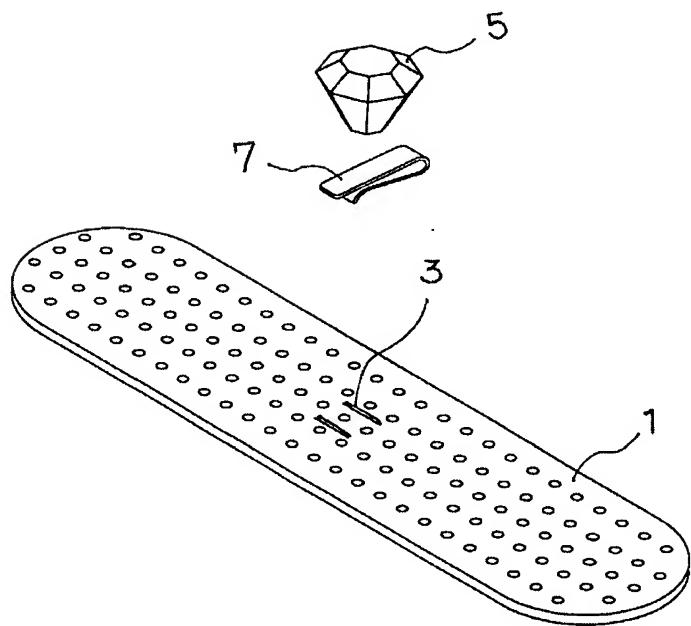


FIG 2



2/4

FIG 3

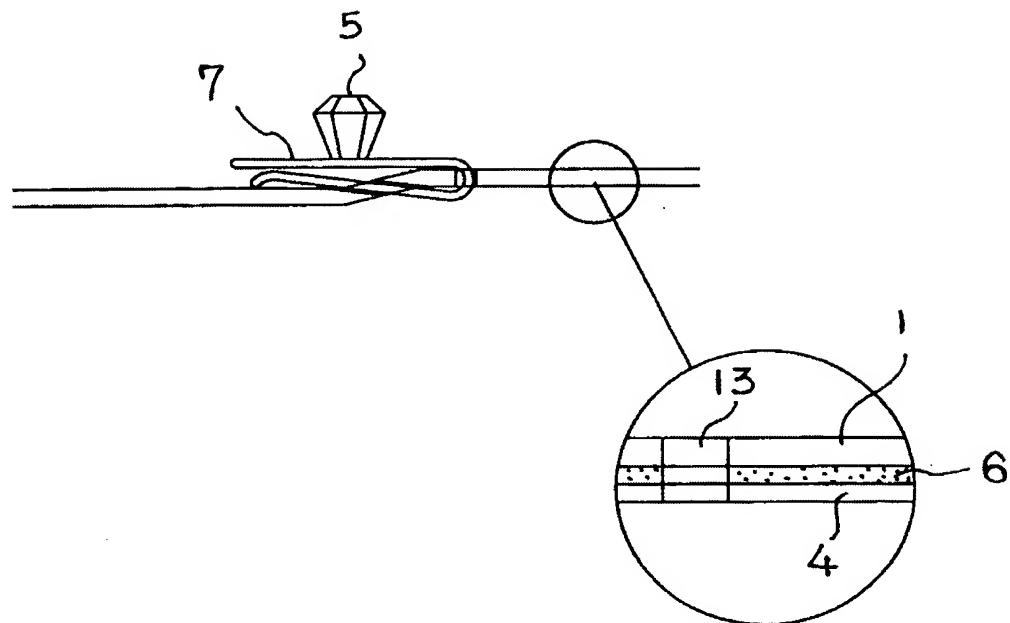


FIG 4



3/4

FIG 5

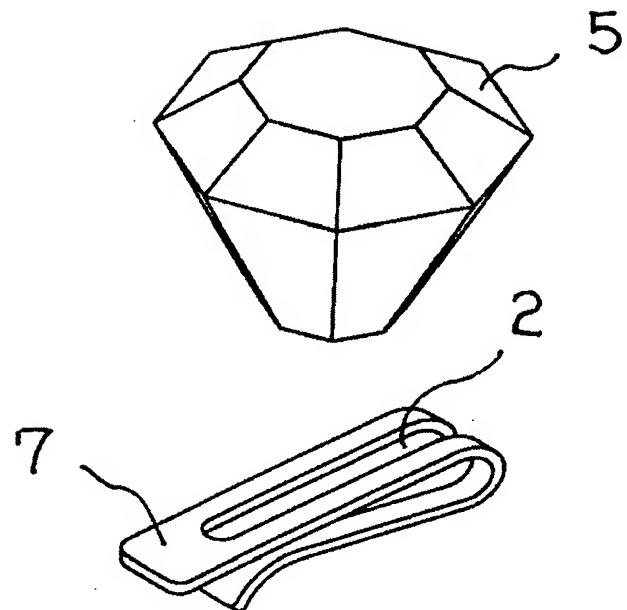
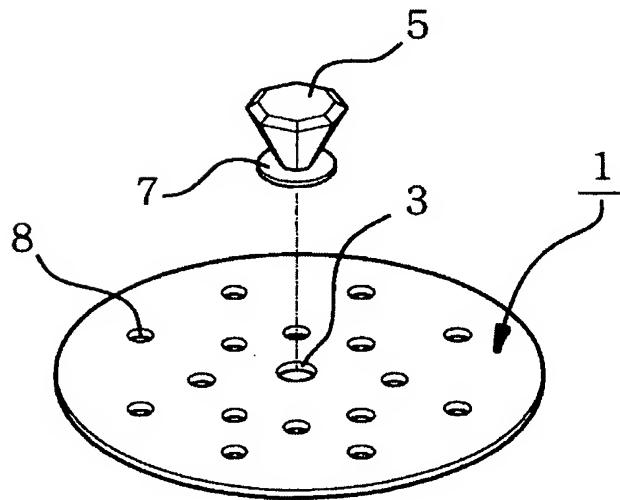
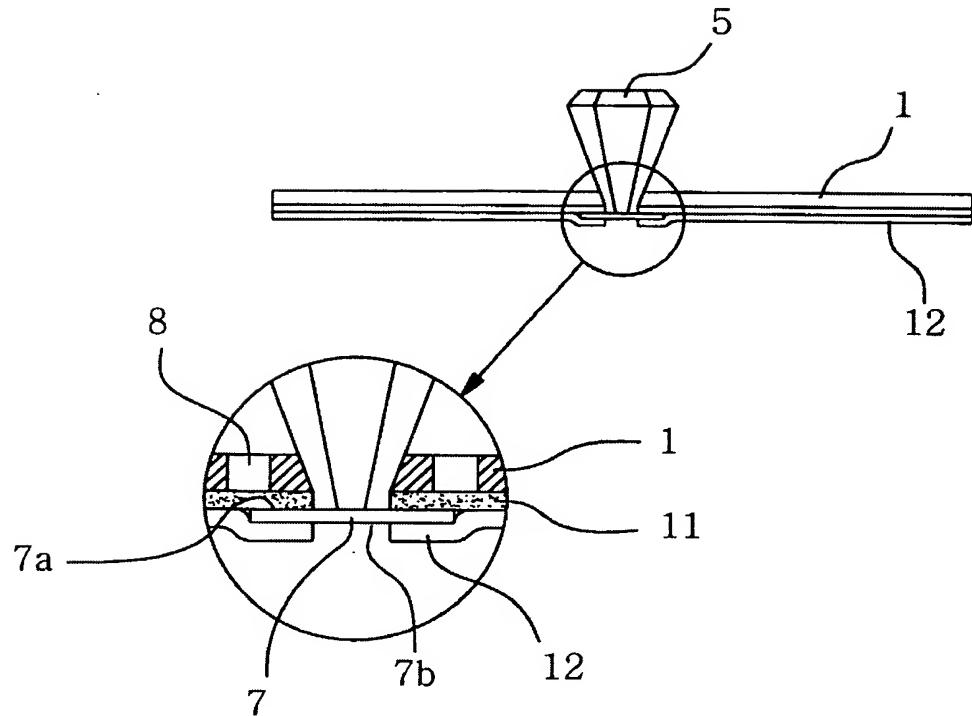


FIG 6



4/4

FIG 7



INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2003/001894

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A44C 25/00, A44C 27/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A44C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR : IPC as above

JP (utility models) : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, Y	KR 20-0267518 U (KIM KYEONG-HO) 5 DECEMBER 2002 See the whole documents	1, 2, 5
A	KR 20-0194776 U (LEE NAM-JAE) 23 JUNE 2000 See the whole documents	1
A	KR 20-0224176 U (JUNG HEE-GON) 6 MARCH 2001 See the whole documents	1
A	KR 20-0224177 U (JUNG HEE-GON) 6 MARCH 2001 See the whole documents	1
A	JP 3066310 U (MIZNO KOUBU) 24 NOVEMBER 1999 See the whole documents	1
A	JP 2001-144510 A (KANSAISEIBUN:KK) 29 MAY 2001 See the whole documents	1
A	US 5079933 A (STEVEN R. ALVITI) 14 JANUARY 1992 See the fig	3

Further documents are listed in the continuation of Box C.

See patent family annex.

- * Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search
28 JANUARY 2004 (28.01.2004)

Date of mailing of the international search report
29 JANUARY 2004 (29.01.2004)

Name and mailing address of the ISA/KR

 Korean Intellectual Property Office
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,
 Republic of Korea
 Facsimile No. 82-42-472-7140

Authorized officer
 LEE, Heui Deok
 Telephone No. 82-42-481-5616

